

R1126
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79 --~~78~~. A stable culture comprising cultured inner cell mass (CICM) cells derived from a bovine embryo of a first genetic complement which upon transfer into the fertilized bovine embryo of a second genetic complement, results in chimeric embryo which upon implantation into a recipient female bovine develops into a chimeric bovine fetus or animal that transmits the first genetic complement in its germ line.

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80 ~~79~~. The stable culture of Claim 78 which has been passaged at least 5 times.

81 ~~80~~. The stable culture of Claim 79 which has been passaged at least 10 times.

82 ~~81~~. The stable culture of Claim 80 which has been passaged at least 50 times.

83 ~~82~~. The stable culture of Claim 78 comprising transgenic bovine CICMs.

84 ~~83~~. The stable culture of Claim 78 which comprises a multilayer portion.

85 ~~84~~. The stable culture of Claim 78 wherein said CICMs stably exhibit the following properties:

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50/50;

- (a) small cytoplasmic/nuclear volume ratio ranging from 10/90 to
- (b) observable cytoplasmic vesicles; and
- (c) individual cells ranging from about 10 to 20 μm in diameter.

86 85. The stable culture of Claim 84 wherein said CICMs are alkaline protease positive and cytokeratin 18 negative.

87 86. The stable culture of Claim 78 which comprises a feeder layer.

88 87. The stable culture of Claim 86 wherein said feeder layer comprises a fibroblast feeder layer.

89 88. The stable culture of Claim 87 wherein said bovine CICMs have physical contact with the feeder layer.

90 89. The stable culture of Claim 78 which comprises a CICM cell line.--